"he atomic number in a systematic and ity periodic way ("PERIODIC TABLE) lic table (chem.) a tabular arrangement elements based upon atomic number and assign the periodic recurrence of properfibe modern periodic table in long-period contains horizontally a very short period elements, two short periods of eight elegach, two long periods of 13 elements a very long period of 32 elements, and an opete period. Vertically there are 16 colexcluding the lanthanide series and plete actinide series) comprising eight (excluding the lanthanide series and plete actinide series) comprising eight a divided into two subgroups each. Eleto the left and in the center are metals, to the right nonmetals. Metallic properremost pronounced for elements in the left hand corner, and nonmetallic propertost pronounced for elements in the upper hand corner. Transition from metallic to stallic oroner ties is properties. ost pronounce to elements in the upper hand corner. Transition from metallic to stallic properties is usually gradual and usous from left to right. The structure of riodic table and the periodic law follow by from the quantized structure of the

rte-al (peri:osti:al) adj. of the periosteum tedearound a bone

ted around a sone
re-um (peri-os-te-a
sti:a) n. a fibrous membrane of connecsue which closely surrounds all bones
at the joints [Mod. L. fr. Gk peri,
it-steen, bone]
ic (peri-outik) 1. adj. of or designating
are ar or the bony structure that surit 2 n. this bony structure [fr. PERI-+ Gk
7. ous (ôtos), ear!

ous (otos), earl

it. ous (otos), early debic (perspetitik) adj. moving about lace to place Perioa-tetic 1. adj. Aris-12. n. a follower of Aristotle, an Aristofrom Aristotle's habit of conversing with while they walked in the Lyceum) perically adv. [F. péripatétique îr. L. îr. Gk around+patein, to walk]

sei-a, per-i-pe-ti-a (per-ppitáie) n. a sud-nge or reversal of fortune in tragedy or [Gk peripeteia fr. peri, around+piptein,

eral (periferal) adj. of, concerning or ting a periphery || lying on a periphery || er) of electronic or mechanical devices of the basic processor, e.g., card read-ters, terminals, etc. || (anat.) of those which run outward from the brain and ord to the tissues [fr. Ck peripheres, around]

ry (parifari:) pl. pe-riph-er-ies n. the ry (periferi:) pl. peripheries n. the using a figure, esp. a rounded one if the st part of something thought of as a part of something thought of as a circled, the periphery of consciousness indary or outer surface of a space or nat) the areas in which the nerves terfir. L.L. peripheria fr. Gk fr. peri, pherein, to carry cite (perifonik) adj. (acoustics) of a system with several speakers placed rious directions

rious directions

leis (perifresis) pl. periph-ra-ses 3) a. circumlocution or an instance of 5: Gk fr. peri, around+phrazein, to

*dc (perifræstik) adj. expressed in a it iashion | (gram.) formed by the use 17 verbs etc. instead of by inflection, is do for it does per-i-phras-ti-cal-ly ik periphrastikos

he periphrastikos priphrastikos prindica priphrastikos priphrastikos priphrastikos priphrastikos pri

Til) v.i. to suffer utter ruin or destrucall violent death, the whole family violent death, the whole family with five the suffer spiritual death thought don't even consider the fire auch a thing pérish-a-ble adjudicay or deterioration, perishable decay or deterioration, perishable goods the suffer of the su

ctyl (perissoldktal) 1. adj. having the of loses, or toes placed evenly in the axis of the foot of or belonging decyla, an order of ungulate mam-

mals having such toes, e.g. the horse, rhinoceros 2. n. a mammai of this order [fr. Mod. L. perissodactylus ir. Gk perissos, uneven+daktu-los, finger, digit]

peri-stal-sis (peristálsis) peristálsis) pl. peri-stal-ses (peristálsiz) n. a series of muscular contractions of a hollow structure, esp. of the alimentary canal, which force the contents along one of these contractions (Mod. L. fr.

peristal-tic (peristoltik, peristæltik) adj. of, re-lating to or characterized by peristalsis [fr. Gk peristaltikos ir. peristellein, to send around] peri-stome (peristoum) n. (bot.) the fringe of

peristome (peristoum) n. (bot.) the fringe of teeth surrounding the opening of a moss capsule || (xool.) the area around the mouth in certain invertebrates [fr. Mod. L. peristomas fr. Gk peri, around+stoma, mouth) peristyle (peristail) n. a row of columns enclosing a courtyard or building, sep. supporting the roof || the space so surrounded (F. peristyle fr. L. fr. Gk in peri, around+studos, pillar] perithe-cirum (periolisiam) pl. periothe-cira (periolisia) n. (bot.) a flask-shaped case enclosing the fruiting body in certain iungi (Mod. L. fr. Gk peri, around+theke, box) peritoneal, perito-nae-al (peritonial) adj. of the peritoneum

peri-to-ne-um. peri-to-nae-um (peritanf:am) pl. peri-to-ne-a, peri-to-nae-a (peritanf:a) n. (anat.) the membrane lining the abdominal vis-

(and.) the memorane ining the abdominal viscera and the interior of the abdominal wall [L. fr. Gk fr. peri, around+teinein, to stretch] peri-to-ni-tis (peritonaitis) n. inflammation of the peritoneum caused by the spreading of infection from a diseased or ruptured visceral body [Mod. L. fr. Gk fr. peritonos, stretched over]

pe-ri-tus, ol -ti (peritas) n. 1. Vatican Council adviser. 2. a theological adviser

peri-wig (periwig) n. (esp. hist.) a wig [earlier peri-wig (periwig) n. (esp. hist.) a wig [earlier peri-win-kle (periwink'l) n. any member of Littorina, fam Littorinidae, a genus of edible sea snails found on shore or in shallow water [O.E. pinewinclan pl.

perwinkle n. a member of Vinca, fam. Apocynaceae, a genus of European, North American and W. Asian often creeping, perennial, evergreen plants with glossy leaves and blue or white flowers, esp. V. major and V. minor [O.E. nervince fr. 1.] peruince it. L.]

pertunce it. L.]
perjure (perdage) pres. part. perjuring past
and past part. perjured v. refl. to make (oneself) guilty of perjury (O.F. parjurer)
perjurer (perdagers) n. a person guilty of perjury (A.F. parjurour, perjurour)
perjury (perdager) pl. perjures n. (law) the
crime of swearing on eath that something is
true which one knows is false, or of telling a lie
when under oath to tell the truth || failure to do
what one has sworn on oath to do (A.F. perjuwhat one has sworn on oath to do [A.F. perju-

when three year. I what to do [A.F. perju-rie] perk (ps:rk) v.t. (with 'up') to restore good spirits or courage to a drink will perk him up || (with 'up') to make bright or gay in appearance, to perk up a coat with a red scarf || v.t. (with 'up') to recover one's health; energy or good spirits after sickness, depression etc. [etym. doubtful] perk v.i. (pop., of coffee) to percolate Perkins (psirkanz). Frances (1882-1965) U.S. secretary of labor, the first woman cabinet member. Serving (1933-46) in the administration of Franklin D. Roosevelt, she greatly strengthened the Labor Department, esp. in the bureaus of Labor Statistics, Women and Children as well as championing such reforms as social security, federal public works and relief and legislation for minimum wages and maximum hours and abolition of child labor perk-man (psirkmæn) n. an official or businessman who receives substantial income in the

perk-man (pɨ:rkmæn) n. an official or businessman who receives substantial income in the form of perquisites of his job; coined by President Jimmy Carter in 1977
perky (pɨ:rki:) comp. perk-ier superl. perk-iest adj. lively and cheerful || cocky [PERK] perks (pə:rks) pl. n (Br., pop.) perquisites
Perl-is (pə:rks) pl. n (Br., pop.) perquisites
Perl-is (pə:rks) n. n (Br., pop.) perquisites
Perl-is (pə:rks) pl. n (Br., pop.) perquisites
perl-is (pə:rks) perquisites
perl-is (pə:rks) perk-i

(1943)
per-lite (pé:rlait) a. an acid, glassy, volcanic
rock marked with concentric cracks separating
small globular portions formed by tension during cooling per-lit-ic (perlitik) aaj. (F. fr. perle,
pearl)

permit

Perm (po:rm) (called Molotov 1940-57) a river port and industrial center (pop. 1,023,000) of the western R.S.F.S.R., U.S.S.R., on the Kama: metallurgy, mechanical engineering, oil refining. University (1916)

perm (perm) n. (esp. Br., pop.) a permanent

perm-al-loy (pa:rmæloi, pa:rməloi) n. an ironnickel alloy of high magnetic permeability, giv-ing little loss of energy by hysteresis (trade-

ing little loss of energy by hysteresis (traue-mark Permalloy fr. PERMEABLE+ALLOY) perma-nence (pé:rmonens) n. the quality or state of being permanent pérma-nencey pl. perma-nencies n. permanence || someone or perma-nencies n. permanence || someone or perma-nencies n. permanent || a permane

something that is permanent | someone or something that is permanent | a permanent position (ir. M. L. permanentia) perma-nent (permanent) 1. adj. continuing and enduring without change 2. n. (pop.) a permanent wave [ir. L. permanens (permanentis) from the permanent permanentis) fr. permanere, to remain to the end]

permanent magnet a magnet, usually of cobalt steel or nickel steel, which retains its magnetism for a long time

permanent magnetism magnetism retained by a substance in the absence of any external magnetic field

permanent memory (computer) data that are retained when power is cut off
permanent press durable press chemical and

steaming process for treating fabric to retain creases. also durable press

permanent wave a wave set in hair by chemi-cals and sometimes heat, and lasting a long time

permanent way (Br.) a railroad track designed to carry a train service for many years permanga-nate (permængeneit) n. a salt of permanganic acid, esp. potassium permanganata

per man-gan ic acid (permængænik) HMnO4, a strong acid known only in solution and by its salts (permanganates)

permea-bil-i-ty (pə:rmi:əbiliti:) n. the quality or state of being permeable (*MAGNETIC PERMEperme ABILITY)

per-me-a-ble (pá:rmi:əb'l) adj. able to be perme-

per me-a-ote (pé:rmi:eb'l) adj. able to be perme-ated [fr. L. permeabilis] per me-ance (pé:rmi:ens) n. a permeating or be-ing permeated || the quality of being perme-able

per me ase (pá:rmi:eis) n. (biochem.) 1. bacterial system that facilitates transportation of soluble substances in the cell. 2. an enzyme in a cell membrane that concentrates lactose

cell memorane that concentrates lactose perme-ate (pérmi:eit) pres. part. perme-ating past and past part. perme-ated v.t. to penetrate wholly, pervade, soak through, a smell of baking permeated the house | v.t. to diffuse or spread through something perme-ation n. [fr. L. permeare (permeatus), to pass through through

per men-sem (perménsem) adv. by the month [L.]

Permian (pé:rmi:an) adj. of the latest period or system of the Paleozoic era, characterized by the decline of amphibians and development of reptiles, by extensive glaciation, and by red sandstone and shales ("GEOLOGICAL TIME) the Permian he Permian period or system or rocks [after Perm, former Russian province in the Urals]

per-mis-si-bil-i-ty (permisebiliti:) n. the quality

per-mis-si-bil-ty (permisabiliti:) n. the quality or state of being permissible per-mis-si-ble (permis-bil) adj. that may be per-mis-si-ble (permis-bil) adj. that may be per-mis-sion (permis-n) n. freedom, power, privilege etc. which one person or authority grants to another; he has her permission to park in the drive || a permitting, or being permitted (fr. L. permissio (permissionis))

per mis-sive (permission adj. permitting, tolerating | morally tolerant in a high degree [O.F. permissif, permissive]
permis-siv-ist or per-mis-sion-ist (permisivist)

permis-siv-ist or permis-sion-ist (permisivist) n. one who believes in policy of indulgence of behavior not generally acceptable permit 1. (permit) v. pres. part. permit-ting past and past part. permit-ted v.t. to give voluntarily or officially to (someone or something) some right, opportunity, power etc., he permit-ted them to stay away from school || to accept or agree to (something), how can you permit such insolence? || to make possible, the addition of a window permits better air circulation || v.i. to provide opportunity, drop in when time permits || (with of) to admit of, there were too many present to permit of any intimacy 2. (permit, permit) n. a written license issued by an au-

30NUNCIATION KEY: (a) æ, cat; α, car; ɔ iawn; ei, snake. (e) e, hen; i:, sheep; iə, deer; cə, bear. (i) i, fish; ai, tiger; ə:, bird. (i) ou, goat; u, poor; ɔi, royal. (u) λ, duck; u, buil; u:, goose; ə, bacillus; ju:, cube. x, loch; θ, think; δ, bother; z, Zen; z, corsage; autang; j, yak; ʃ, fish; tʃ, fetch; 'l, rabble; 'n, redden. Complete pronunciation key appears inside front cover.